Get to Know the Arduino
July 13, 2013; 10:00 AM–3:00 PM

An arduino is a single-board microcontroller with an open-source platform designed to make the process of using electronics in multidisciplinary projects more accessible. Using this affordable system, you can do home automation projects, direct a robot, and computerize activities limited only by your imagination.

Stan Cohen of New Mexico Highlands University and Gordon McDonough, Bradbury Science Museum Educator, will host this exciting workshop on July 13. Participants will begin with a two-hour introduction to circuits, programming, and the arduino. After a break for lunch, they will be invited to continue in an optional advanced class or discussion.

Based upon the participants' expertise, the session will consider more advanced topics such as digital communications protocols, designing printed-circuit boards using internet resources and industrial programmable-logic-controllers.

■ **Cost for this workshop is $95** to cover the cost of supplies. Each workstation will be able to take home an arduino, components, sensors, a prototyping board, and a copy of Arduino Cookbook by Michael Margolis.

■ Registration is limited to 10 workstations, with up to 3 people per station. Participants can choose to work individually, or as a group with friends or family members. **The fee is per workstation, not per person**.

■ This workshop is designed for anyone over the age of 8 years old. However, we ask that if your child is between the ages of 8 and 12, they bring an adult with them.

■ Participants must bring their own laptop computer with Windows XP or Mac OSX 10.6 or newer. We also suggest that you bring your own charging cables for your laptop and a magnifying glass to assist with assembling components.

UP TO 3 PEOPLE CAN SHARE A SINGLE WORKSTATION

PARTICIPANT NAME		AGE	8–12 YRS	12–18 YRS	OVER 18
			☐	☐	☐
CONTACT EMAIL ADDRESS					
CONTACT PHONE NUMBER					

ADDITIONAL PARTICIPANTS FOR WORKSTATION

NAME		AGE	8–12 YRS	12–18 YRS	OVER 18
			☐	☐	☐
NAME		AGE	8–12 YRS	12–18 YRS	OVER 18
			☐	☐	☐

Email completed form to arduino@lanl.gov or FAX to 665-6932.
Stan Cohen will contact you for payment through PAYPAL.